



ocket No. 645-143

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT OPERATION

Applicants:

Hiroyuki Minamikawa et al.

Serial Number: 09/841,614

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Examiner: Karl Group

Group Art Unit: 1755

Title: LOW EXPANSION TRANSPARENT GLASS-CERAMICS, GLASS-CERAMIC
SUBSTRATE AND OPTICAL WAVEGUIDE ELEMENT

New York, NY 10036
February 28, 2006

Mail Stop Non-Fee Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

This Amendment is being filed in connection with the attached Request for Continued
Examination. Kindly amend the subject application as follows: